Pratt 15-189

ATSDR Record of Activity

UID #: R L W 0 Date: 01 /14 /94 Time: 8:45 am X pm__

Site Name: Sauget Area 1 City: Sauget Cnty: St. Clair
State: IL

CERCLIS #: IL1630200005 Cost Recovery #: ____ Region: 5

Site Status (1) _ NPL X Non-NPL _ RCRA _ Non-Site specific _ Federal
(2) _ Emergency Respons X Remedial _ Other

Activities

_ Incoming Call _ Public Meeting* _ Health Consult* _ Site Visit*
_ Outgoing Call _ Other Meeting _ Health Referral _ Info Provided
_ Conference Call X Data Review X Written Response _ Training
_ Incoming Mail _ Other

Requestor and Affiliation: (1) Sam Borries
Phone: (312) 353-2886 Address: 77 W. Jackson Blvd.
City: Chicago State: IL Zip Code: 60604

Contacts and Affiliation

(1) Sam Borries ( )
( ) ( )

1-EPA	2-USCG	3-OTHER FED	4-STATE ENV	5-STATE HLT
6-COUNTY HLTH	7-CITY HLTH	8-HOSPITAL	9-LAW ENFORCE	10-FIRE DEPT
11-POISON CTR	12-PRIV CITZ	13-OTHER	14-UNKNOWN	15-DOD
16-DOE	17-NOAA	18-OTHR STATE	19-OTHR COUNTY	20-OTHR CITY
21-INTL	22-CITZ GROUP	23-ELECT. OFF	24-PRIV. CO	25-NEWS MEDIA
26-ARMY	27-NAVY	28-AIR FORCE	29-DEF LOG AGCY	30-NRC
31-ATSDR				

Program Areas

_ Health Assessment _ Health Studies _ Tox Info-profile _ Worker Hlth
_ Petition Assessment _ Health Surveilnc _ Tox Info-Nonprofil _ Admin
_ Emergency Response _ Disease Regstry _ Subst-Spec Resch _ Other
_ Health Consultation _ Exposr Regstry _ Health Education

Narrative Summary: The Environmental Protection Agency (EPA) requested that the Agency for Toxic Substances and Disease Registry (ATSDR) review results of surface water and sediment samples taken from segment CS-B of Dead Creek, and provide a public health opinion. Specifically, they would like to know if the contaminated surface water and sediment pose an imminent threat to human health that warrants a removal action.

Dead Creek is located in the town of Sauget in St. Clair County, Illinois. The creek supplies drainage for part of the Mississippi River flood plain. According to the EPA there is a six foot chainlink barbwire fence restricting access to this area (Segment CS-B), and signs are posted along the fence to warn the public of surface water and sediment contamination. The closest residence is about 200 feet southeast of segment CS-B of Dead Creek. Nineteen eighty eight sampling results indicate the presence of maximum levels of sediment contamination as follows: Aroclor 1248 at 480,000 parts per million (ppm),

Enclosures: Yes ( ) No ( ); MIS entered: Yes ( ) No ( )

Aroclor 1254 at 141,000 ppm, Aroclor 1260 at 60,000 ppm, lead at 1,300 ppm and nickel at 1,500 ppm. The results of 1993 surface water samples revealed low levels of semivolatile organics, for example, Di -n- butylphthalate at 6 parts per billion (ppb), dimethylphenol at 5 ppb, and methylphenol at 35 ppb. During November 1993, the creek flooded and stormwater run-off samples were taken. Evaluation of stormwater run-off sampling results indicate that contaminants are not at levels of public health concern.

Action Required/Recommendations/Info Provided: The data evaluated indicate that Dead Creek (area CS-B) sediment contains elevated levels of polychlorinated biphenyls (aroclors), lead, nickel and other semivolatile organics, however, surface water and stormwater run-off indicate low level of contamination of semivolatile organics.

Although Dead Creek's contaminated sediment represents a potential health hazard, there is no need for an immediate removal action since there is not an imminent health threat posed by this type of contamination. This is because there is a six foot chainlink barbwire fence restricting access to the affected creek area, and signs are posted along the fence to warn the public of contaminated surface water and sediment.

Signature: Robert J. Williams, Ph.D. Date: 1-14-94

cc: Louise Fabinski
RIMB
Illinois Department of Public Health

Enclosures: Yes ( ) No ( ); MIS entered: Yes ( ) No ( )